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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/403,980A

DATE: 08/07/2002

TIME: 09:30:02

Input Set : A:\seq list.txt

Output Set : N:\CRF3\08072002\1403980A.raw

3 <110> APPLICANT: VIVIER, ERIC
 4 MORETTA, ALESSANDRO
 5 OLCESE, LUCIA
 6 VELY, FREDERIC
 7 TOMASELLO, ELENA
 9 <120> TITLE OF INVENTION: NEW POLYPEPTIDES ASSOCIATED WITH ACTIVATORY RECEPTORS
 10 AND THEIR BIOLOGICAL APPLICATIONS
 12 <130> FILE REFERENCE: 1721-18
 14 <140> CURRENT APPLICATION NUMBER: 09/403,980A
 15 <141> CURRENT FILING DATE: 2000-01-19
 17 <150> PRIOR APPLICATION NUMBER: PCT/FR98/00883
 18 <151> PRIOR FILING DATE: 1998-04-30
 20 <150> PRIOR APPLICATION NUMBER: FR 97/05411
 21 <151> PRIOR FILING DATE: 1997-04-30
 23 <150> PRIOR APPLICATION NUMBER: FR 98/00927
 24 <151> PRIOR FILING DATE: 1998-01-28
 26 <160> NUMBER OF SEQ ID NOS: 44
 28 <170> SOFTWARE: PatentIn Ver. 2.1
 30 <210> SEQ ID NO: 1
 31 <211> LENGTH: 517
 32 <212> TYPE: DNA
 33 <213> ORGANISM: Mus musculus
 35 <220> FEATURE:
 36 <221> NAME/KEY: CDS
 37 <222> LOCATION: (138)..(398)
 39 <400> SEQUENCE: 1
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 42 ggggtctctgg agcctctctgg tgccttctgt tctctctgact gtagggaggat 170
 44 taagtcccgat acaggccc cag aqt gac act ttc cca aga tgc gac tgt tct
 45 Gln Ser Asp Thr Phe Pro Arg Cys Asp Cys Ser
 46 1 5 10
 48 tcc gtg agc cct ggt gta ctg tct ggg att gtt ctg ggt gac ttg gtg 218
 49 Ser Val Ser Pro Gly Val Leu Ser Gly Ile Val Leu Gly Asp Leu Val
 50 15 20 25
 52 ttg act ctg ctg att gcc ctg gct gtg tac tct ctg ggc cgc ctg gtc 266
 53 Leu Thr Leu Leu Ile Ala Leu Ala Val Tyr Ser Leu Gly Arg Leu Val
 54 30 35 40
 56 tcc cga ggt caa ggg aca gcg gaa ggg acc cgg aaa caa cac att gct 314
 57 Ser Arg Gly Gln Gly Thr Ala Glu Gly Thr Arg Lys Gln His Ile Ala
 58 45 50 55
 60 gag act gag tgc cct tat caq gag ett caq ggt caq aga cat gaa gta 362
 61 Glu Thr Glu Ser Pro Tyr Gln Glu Leu Gln Gly Gln Arg His Glu Val
 62 60 65 70 75

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64 tac agt gac ctc aac aca cag agg caa tat tac aga tgagcccaact 408
65 Tyr Ser Asp Leu Asn Thr Gln Arg Gln Tyr Tyr Arg
66 80 85
68 ctatgcccat cagcggcctg atgcccggtat ccggtcattc cagatgccta ctcaacaagc 468
70 cctctctgag atcaggactc ccgttggaat acagatccac agggtaacct 517
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74 <211> LENGTH: 87
75 <212> TYPE: PRT
76 <213> ORGANISM: Mus musculus
78 <400> SEQUENCE: 2
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80 1 5 10 15
82 Val Leu Ser Gly Ile Val Leu Gly Asp Leu Val Leu Thr Leu Leu Ile
83 20 25 30
85 Ala Leu Ala Val Tyr Ser Leu Gly Arg Leu Val Ser Arg Gly Gln Gly
86 35 40 45
88 Thr Ala Glu Gly Thr Arg Lys Gln His Ile Ala Gly Thr Glu Ser Pro
89 50 55 60
91 Tyr Gln Glu Leu Gln Gly Gln Arg His Glu Val Tyr Ser Asp Leu Asn
92 65 70 75 80
94 Thr Gln Arg Gln Tyr Tyr Arg
95 85
98 <210> SEQ ID NO: 3
99 <211> LENGTH: 16
100 <212> TYPE: PRT
101 <213> ORGANISM: Mus musculus
103 <400> SEQUENCE: 3
104 Gln Ser Asp Thr Phe Pro Arg Cys Asp Cys Ser Ser Val Ser Pro Gly
105 1 5 10 15
108 <210> SEQ ID NO: 4
109 <211> LENGTH: 24
110 <212> TYPE: PRT
111 <213> ORGANISM: Mus musculus
113 <400> SEQUENCE: 4
114 Val Leu Ser Gly Ile Val Leu Gly Asp Leu Val Leu Thr Leu Leu Ile
115 1 5 10 15
117 Ala Leu Ala Val Tyr Ser Leu Gly
118 20
121 <210> SEQ ID NO: 5
122 <211> LENGTH: 47
123 <212> TYPE: PRT
124 <213> ORGANISM: Mus musculus
126 <400> SEQUENCE: 5
127 Arg Leu Val Ser Arg Gly Gln Gly Thr Ala Glu Gly Thr Arg Lys Gln
128 1 5 10 15
130 His Ile Ala Glu Thr Glu Ser Pro Tyr Gln Glu Leu Gln Gly Gln Arg
131 20 25 30
133 His Glu Val Tyr Ser Asp Leu Asn Thr Gln Arg Gln Tyr Tyr Arg
134 35 40 45

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139 <212> TYPE: DNA
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141 <400> SEQUENCE: 6
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143 ggctctggag cctctctggtg ccttctgttc cttctgttcc tctgtactgt gggaggatta 120
144 agtcccgtag aggccacagag tgacacttcc ccaagatgag actgttcttc cgtgagccct 180
145 ggtgtactgt ctgggattgt tctgggtgac ttggtgttga ctctgctgat tgccttggtc 240
146 gtgtactctc tgggcccgcct ggtctcccca ggtcaaggga cagcggaagg gaccgggaaa 300
147 caacacattg ctgagactga gtgccttat caggagcttc agggtcagag acatgaagta 360
148 tacagtgacc tcaacacaca gaggaatat tacagatgag cccactctat gcccatcagc 420
149 ggcctgatgc ccggtaccg tcaattccaga tgcctactca acaagccctc tctgagatca 480
150 ggcctcccg tgaatacac atccacaggg tacct
151 <210> SEQ ID NO: 7
152 <211> LENGTH: 371
153 <212> TYPE: DNA
154 <213> ORGANISM: Mus musculus
155 <400> SEQUENCE: 7
156 gtgcatactt ggcacacatg ggggctctgg agcctccatg gtgcctctgt tctctctctg 60
157 tctctctcag tgtgggaggga ttaagtcctg tacaggccca gactgacact ttcccaagat 120
158 ctgcactgttc tctcgtgagc cctggtgtac ttgctgggat tgttctgggt gacttgggtg 180
159 tgactctgct gattgccctg gctgtgtact ctctcgcccg cctggctctc cgaggtcaag 240
160 ggcagcgaga aggggcccgg aaacaacaca ttgctgagac tgagtcgctc tatcaggagc 300
161 ttcagggtca gagaccagaa gtatacagtg acctcaacac acagaggcaa tattacagat 360
162 gggcccactc t
163 <210> SEQ ID NO: 8
164 <211> LENGTH: 376
165 <212> TYPE: DNA
166 <213> ORGANISM: Mus musculus
167 <400> SEQUENCE: 8
168 gctctctgtt ccttctctgc ctctgactg tgggaggatt aagtcctgta caggcccaga 60
169 gtgacacttt cccaacatgc gctgttctt cctgtagccc tgggtactgt gctgggattg 120
170 ttctgggtga cttgtgtgtg actctgctga ttgccctggc tgtgtactct ctgggccccc 180
171 tgggtctccg aggtcaaggg acagcggaag ggaccgggaa acaacacatt gctgagactg 240
172 agtcgctcta tcaggagcgt cagggtcaga gacatgaagt atacagtgac ctcaacacac 300
173 agaggcaata ttacagatga gcccaactcta tgcccatcag cggcctgatg ccggatccgc 360
174 gtcattccag atgctt
175 <210> SEQ ID NO: 9
176 <211> LENGTH: 402
177 <212> TYPE: DNA
178 <213> ORGANISM: Mus musculus
179 <400> SEQUENCE: 9
180 ccagcccctg gactgtggtg tccagtgcac atctggccac catgggggct ctggagcctc 60
181 ctggtgcctt ctgttctctc ctgtctcctc gactgtggga ggattaagtc ccgtacagcc 120
182 ccaagatgac acttcccaaa gatgcgactg ttcttccctg agccctgggt tactgctggt 180
183 gattgttctg ggtgacttgg ttgtgactct gctgattgcc ctggctgtgt actctctggg 240
184 ccgctgggtc tcccgaggtc aagggacagc ggaaggggacc cggaacaacac acattgtgtg 300
185 gactgagtcg cttatcacag agcttcaggg tcaagagacca gaagtataca gtgactctca 360

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402

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196 cacacagagg caatattaca gatgagccac tctatgccca tc
199 <210> SEQ ID NO: 10
200 <211> LENGTH: 482
201 <212> TYPE: DNA
202 <213> ORGANISM: Mus musculus
204 <400> SEQUENCE: 10
205 gtctcttctt gtctctctga ctgtgggagg attaagtccc gtacaggccc agagtgcac 60
206 ttctcccaaga tgcgaactgt ctcccgtagg cctctgtgta ctggctggga ttgttctggg 120
207 tgaacttggtg ttgaactctg tgattgccct ggctgtgtac tctctgggcc ccctgtgtct 180
208 ccgaggtcaa gggacacggg aaggagcccg gaacaacac attgtctgaga ctgagtcgcc 240
209 ttatcaggag cttcagggtc agagacctga agctcaaca cacaagggcg 300
210 atattacaga tgagcccaact ctatgcccat cagcggcctg atgcccgcat ccggtcattc 360
211 cagatgccta ctcaacaagc cctctctgtg gatcaggact cccgttgga tacagatcca 420
212 cagggtacct cctgagata tctgacattg taccatttct gtccccaat agaagacgga 480
213 ca
216 <210> SEQ ID NO: 11
217 <211> LENGTH: 171
218 <212> TYPE: PRT
219 <213> ORGANISM: Mus musculus
221 <220> FEATURE:
222 <221> NAME/KEY: MOD_RES
223 <222> LOCATION: (133)
224 <223> OTHER INFORMATION: Any amino acid
226 <400> SEQUENCE: 11
227 Ser His Gln Val Pro Ala Pro Gly Leu Trp Cys Pro Val His Ile
228 1 5 10 15
230 Trp Pro Pro Trp Gly Ser Gly Ala Ser Trp Cys Leu Leu Phe Leu Pro
231 20 25 30
233 Val Leu Leu Thr Val Gly Gly Leu Ser Pro Val Gln Ala Gln Ser Asp
234 35 40 45
236 Thr Phe Pro Arg Cys Asp Cys Ser Ser Val Ser Pro Gly Val Leu Ser
237 50 55 60
239 Gly Ile Val Leu Gly Asp Leu Val Leu Thr Leu Leu Ile Ala Leu Ala
240 65 70 75 80
242 Val Tyr Ser Leu Gly Arg Leu Val Ser Arg Gly Gln Gly Thr Ala Glu
243 85 90 95
245 Gly Thr Arg Lys Gln His Ile Ala Glu Thr Glu Ser Pro Tyr Gln Glu
246 100 105 110
248 Leu Gln Gly Gln Arg His Glu Val Tyr Ser Asp Leu Asn Thr Gln Arg
249 115 120 125
W--> 251 Gln Tyr Tyr Arg Xaa Ala His Ser Met Pro Ile Ser Gly Leu Met Pro
252 130 135 140
254 Gly Ser Gly His Ser Arg Cys Leu Leu Asn Lys Pro Ser Leu Arg Ser
255 145 150 155 160
257 Gly Leu Pro Leu Glu Tyr Arg Ser Thr Gly Tyr
258 165 170
261 <210> SEQ ID NO: 12
262 <211> LENGTH: 123
263 <212> TYPE: PRT

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264 <213> ORGANISM: Mus musculus
266 <220> FEATURE:
267 <221> NAME/KEY: MOD_RES
268 <222> LOCATION: (120)
269 <223> OTHER INFORMATION: Any amino acid
271 <400> SEQUENCE: 12
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273 1 5 10 15
275 Phe Leu Pro Val Leu Leu Thr Val Gly Gly Leu Ser Pro Val Gln Ala
276 20 25 30
278 Gln Ser Asp Thr Phe Pro Arg Cys Asp Cys Ser Ser Val Ser Pro Gly
279 35 40 45
281 Val Leu Ala Gly Ile Val Leu Gly Asp Leu Val Leu Thr Leu Leu Ile
282 50 55 60
284 Ala Leu Ala Val Tyr Ser Leu Gly Arg Leu Val Ser Arg Gly Gln Gly
285 65 70 75 80
287 Thr Ala Glu Gly Thr Arg Lys Gln His Ile Ala Glu Thr Glu Ser Pro
288 85 90 95
290 Tyr Gln Glu Leu Gln Gly Gln Arg Pro Glu Val Tyr Ser Asp Leu Asn
291 100 105 110
W--> 293 Thr Gln Arg Gln Tyr Tyr Arg Xaa Ala His Ser
294 115 120
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298 <211> LENGTH: 124
299 <212> TYPE: PRT
300 <213> ORGANISM: Mus musculus
302 <220> FEATURE:
303 <221> NAME/KEY: MOD_RES
304 <222> LOCATION: (106)
305 <223> OTHER INFORMATION: Any amino acid
307 <400> SEQUENCE: 13
308 Leu Leu Phe Leu Pro Val Leu Leu Thr Val Gly Gly Leu Ser Pro Val
309 1 5 10 15
311 Gln Ala Gln Ser Asp Thr Phe Pro Arg Cys Gly Cys Ser Ser Val Ser
312 20 25 30
314 Pro Gly Val Leu Ala Gly Ile Val Leu Gly Asp Leu Val Leu Thr Leu
315 35 40 45
317 Leu Ile Ala Leu Ala Val Tyr Ser Leu Gly Arg Leu Val Ser Arg Gly
318 50 55 60
320 Gln Gly Thr Ala Glu Gly Thr Arg Lys Gln His Ile Ala Glu Thr Glu
321 65 70 75 80
323 Ser Pro Tyr Gln Glu Leu Gln Gly Gln Arg His Glu Val Tyr Ser Asp
324 85 90 95
W--> 326 Leu Asn Thr Gln Arg Gln Tyr Tyr Arg Xaa Ala His Ser Met Pro Ile
327 100 105 110
329 Ser Gly Leu Met Pro Gly Ser Gly His Ser Arg Cys
330 115 120
333 <210> SEQ ID NO: 14
334 <211> LENGTH: 133

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/403,980A

DATE: 08/07/2002
TIME: 09:30:03

Input Set : A:\seq list.txt
Output Set: N:\CRF3\08072002\I403980A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; Xaa Pos. 133
Seq#:12; Xaa Pos. 120
Seq#:13; Xaa Pos. 106
Seq#:14; Xaa Pos. 128
Seq#:15; Xaa Pos. 104,145,148,157
Seq#:17; Xaa Pos. 108